




深圳名彩智能卡有限公司

Shenzhen Leadercolor Smart Card Co., Ltd.

 +86 755 89379391 89379456

 +86 755 89379456

 sales@leadercolor.com

 [Http://www.Leadercolor.com](http://www.leadercolor.com)

 深圳市龙岗区横岗街道安良安兴路25号
25th Anxing Road, Anliang Industrial Area,
Henggang Town, Longgang District, Shenzhen China

PRODUCT MANUAL

致力于为广大客户提供高性能的RFID产品

Committed to providing high-performance RFID product for our customers

COMPANY >>> PROFILE

企业简介

深圳名彩智能卡有限公司成立于2009年，是一家集设计、研发、生产和销售磁条卡、智能卡、智能标签等为一体的综合性外贸公司。公司座落在美丽的深圳市龙岗区，这里环境优雅，交通便利。

“智领科技，人文关怀”是公司一直以来所奉行的经营理念。自成立以来，公司始终以“技术服务生活”为己任，立志于为广大客户提供PVC卡、智能卡、智能标签等的定制服务。

在团队建设上，公司一直都坚持对人才的培养与扶持，是一支齐心协力、不断开拓、富有激情与梦想的团队。公司力求与员工共同成长，携手共创辉煌。

公司一直坚持以品质开拓市场，以服务赢得客户。依托于多年所积累的客户资源和丰富的从业经验，名彩在海外市场取得了很大的成功，与多个国家和地区的客户都达成了友好合作关系，并与众多知名企业达成了战略合作意向。

Founded in 2009, Shenzhen Leadercolor Smart Card Co.,Ltd is a comprehensive trade company based on designing, developing, producing and selling products, such as magnetic stripe cards, smart cards, smart tags and etc. Our company is located in the beautiful Longgang District, Shenzhen City, with an elegant environment and convenient transportation.

“Leading technology, human care” is the business philosophy we have been always adhering. Since established, we have been taking “Science and technology services life” as our responsibility, and determining to provide our clients with PVC cards, smart cards, smart tags and other RFID customized services.

On team building, our company has concentrated on personnel training and support. It is a team full of passion and dream, with solidarity working and constant pioneering. We always strive to grow with our staff and create a brilliant together with them!

Our company has been developing new markets by excellent quality and attracting customers by best service. Relying on years of accumulated customer-resources and rich experience, Leadercolor has achieved great success in overseas markets, building a friendly relationship with customers in various countries and regions, and reaching strategic cooperation with many famous companies.



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荣誉资质 / Our Certificates



我们的优势 / Our Advantages

- ①— 定制尺寸 Flexible size
- ②— 设计及特殊功能 Design and special functional
- ③— 专利保护 Patent
- ④— 品质优质 Quality
- ⑤— 专业售前服务 Pre-sales services
- ⑥— 创新 Innovative
- ⑦— 市场保护 Market protection
- ⑧— 售后服务保障 After-sales service

我们的公司 / Our Company

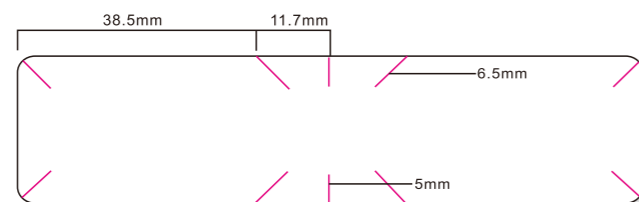




超高频挡风玻璃标签 UHF RFID Windshield Tag

挡风玻璃标签采用RFID技术设计，内部带有芯片和嵌体。它主要用于自动车辆识别系统和汽车玻璃零售管理。标签可读取10米以上的长距离范围，防水和防篡改功能使其成为门禁控制领域的高端产品。

UHF RFID Windshield tag is designed in RFID technology with chip and inlay inside. It is mainly used for automatic vehicle identification system and auto glass retail management. It's with long reading range over 10 meters, waterproof and tamper proof which makes it an high end product in access control.



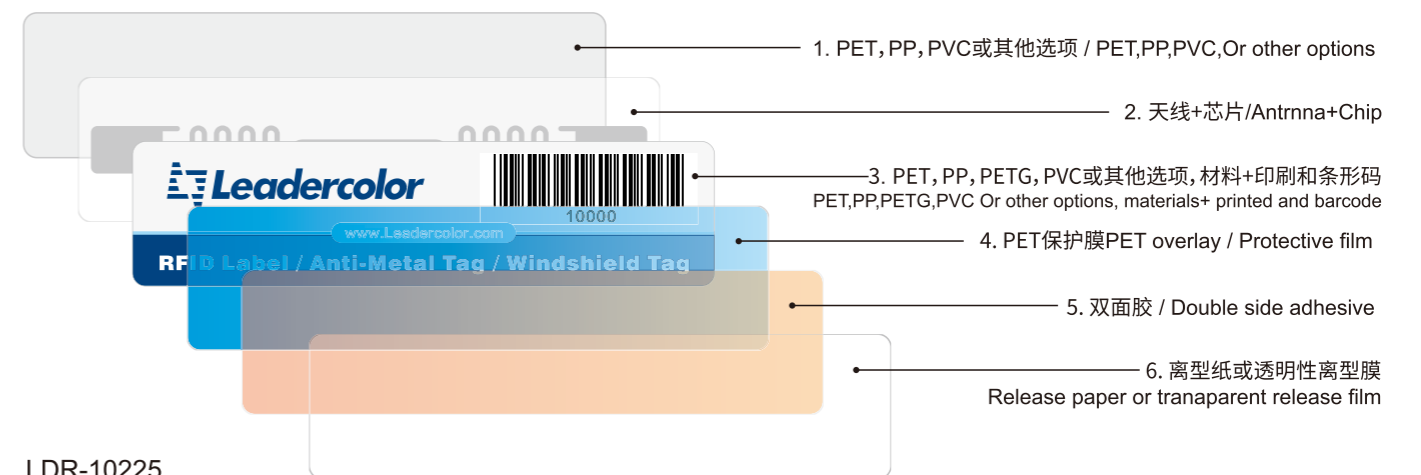
LDR-10225 Size: 102x25mm

RFID参数 / RFID Parameters

产品型号 Item No.	LDR-10225	LDR-6425	LDR-10035
尺寸 Size	102×25mm/4.02×0.98inch	64×25.4mm/2.5×1inch	100×35xmm/3.94×1.38inch
协议 Protocol	ISO/IEC 18000-6C, EPC Class1 Gen2		
频率 Frequency	Worldwide 840-960Mhz, US 902-928mhz, EU 865-868Mhz		
芯片 Chip	Alien Higgs-3		
储存容量 Memory	EPC 96bits、TID 64bits、User 512bits		
读写 Read&Write	支持 Supported		
读取距离 Read range	1-15m可调(取决于读写器和环境) / 1-15meters adjustable(reader and environment dependent)		
数据保存 Data retention	10年years		
读写次数 Write endurance	100,000次cycles		

物理参数 / Physical Parameters

基材材料 Substrate material	透明离型膜 Release paper
天线材料 Antenna material	铝蚀刻 Aluminum etching
表面材料 Surface material	PET防水 PET waterproof
印刷 Printing	胶版印刷,条形码,序列号和logo印刷 Offset printing, barcode, series number and logo printing
编码 Encode	支持Supported
防篡改 Tamper proof	Yes
强力胶 Strong glue	Yes
安装方式 Installation	背胶安装Self adhesive
工作温度 Operating temperature	-50°C ~ +85°C
工作湿度 Operating humidity	20% ~ 90%RH
包装 Package	卷装/单个 Roll / Single



LDR-10225

超高频不干胶标签 UHF RFID Tag

产品描述 / Quick Details

超高频不干胶标签采用独特的标签天线设计,具有优异的性能,能进行远距离多标签的读取,识别灵敏度高,广泛应用于供应链、资产管理、物流仓储、防伪防窜货等领域。它支持按卷在打印机上打印,产品外形及面标印刷可根据客户需要定制。

UHF RFID tag adopts a unique tag antenna design, has excellent performance, can read multiple tags at a long distance, and has high recognition sensitivity. It is widely used in supply chain, asset management, logistics warehousing, anti-counterfeiting and anti-channeling. It supports printing on the printer by volume, and the product shape and logo printing can be customized according to customer needs.



LDR-5050L(H47)



LDR-5050L(Alien)



LDR-7620L



LDR-9727L



LDR-5023L



LDR-3030L

电子标签可定制内容 Customized Service:

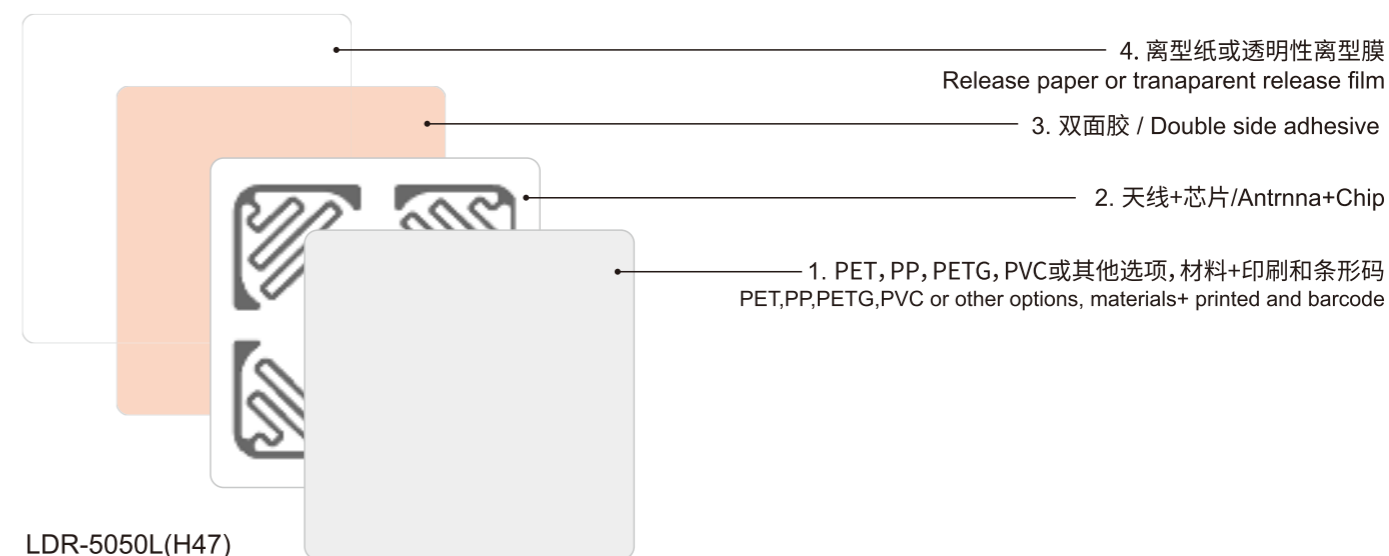
- 可定制尺寸 Customizable size
- 可定制芯片 Optional chips: Alien Higgs-3; Alien Higgs-4; NXP Ucode 7; Impinj Monza4; Impinj Monza5;
- 可定制材料 Optional materials: 铜版纸; PVC纸 合成PP纸; PET纸; /Coated paper; PVC paper; Synthetic PP paper; PET paper;
- 可选胶水 Optional glues: 标准胶水; 3M胶水; 强力胶; / Standard glues; 3M glues; Strong glues;
- 可定制印刷 Optional printing: 胶版印刷; 条码打印 序列号印刷; Uv印刷 /Offset printing; Barcode printing; Series number printing; UV printing
- 可定制工艺 Optional crafts: 防篡改; 编码; / Tamper proof; Encoding;

RFID参数 / RFID Parameters

产品型号 Item No.	LDR-5050L
协议 Protocol	ISO/IEC 18000-6C, EPC Class1 Gen2
频率 Frequency	Worldwide 840-960Mhz, US 902-928mhz, EU 865-868Mhz
芯片 Chip	Impinj Monza4 H47
储存容量 Memory	EPC496bits, TID 48bits, User128bits
读写 Read&Write	支持 Supported
读取距离 Read range	1-6m可调(取决于读写器和环境) / 1-6meters adjustable(reader and environment dependent)
数据保存 Data retention	10年 10years
读写次数 Write endurance	100,000次 100,000Cycles
3D功能 3D function	Yes

物理参数 / Physical Parameters

尺寸 Size	50x50mm (can be customized 可定制尺寸)
基材材料 Substrate material	透明离型膜 Transparent release film
天线材料 Antenna material	铝蚀刻 Aluminum etching
表面材料 Surface material	铜板纸(热敏或转印可选) Coated paper(Thermal or transfer optional)
印刷 Printing	胶版印刷, 条形码, 序列号和logo印刷 Offset printing, barcode, series number and logo printing
编码 Encode	支持 Supported
安装方式 Installation	背胶安装 Self adhesive
工作温度 Operating temperature	-25°C ~ +65°C
工作湿度 Operating humidity	20% ~ 90%RH
包装 Package	卷装/单个 Roll / Single



应用领域 Application

- 跟踪具有挑战性的材料和物体 Tracking challenging materials and objects
- 物流和运输标签 Logistic and shipping labels
- 文件夹和文件管理 File folder and document management
- 制造业和仓库管理 Manufacturing and warehouse management



超高频抗金属标签 UHF RFID Anti-metal Tag

超高频抗金属电子标签采用特殊设计, 专为恶劣环境下使用而设计和制造, 其安装于金属材质表面。对金属对射频信号干扰弱。从技术上解决了电子标签不能附着于金属表面使用的难题。产品可防水、防酸、防碱、防碰撞。可以轻松管理金属材料。

UHF RFID anti-metal tags are specially designed and designed and manufactured for use in harsh environments. They are installed on metal surfaces. Weak interference with RF signals on metals. Technically, the problem that the normal rfid labels cannot be attached to the metal surface is solved. The product is waterproof, acid-proof, alkali-proof and collision-proof. Can easily manage metal materials.



LDR-4025M
UHF Anti-metal Sticker 抗金属标签



LDR-5015M
UHF Anti-metal Sticker 抗金属标签



LDR-6025M
UHF Anti-metal Sticker 抗金属标签



LDR-8025M
UHF Anti-metal Sticker 抗金属标签



LDR-3613M
UHF Anti-metal Tag 抗金属标签



LDR-13012M
UHF Anti-metal Tag 抗金属标签



LDR-15533M
UHF RFID On-metal Tag 抗金属标签



LDR-25015M
UHF Licence Plate Tag 抗金属标签

电子标签可定制内容
Customized Service:

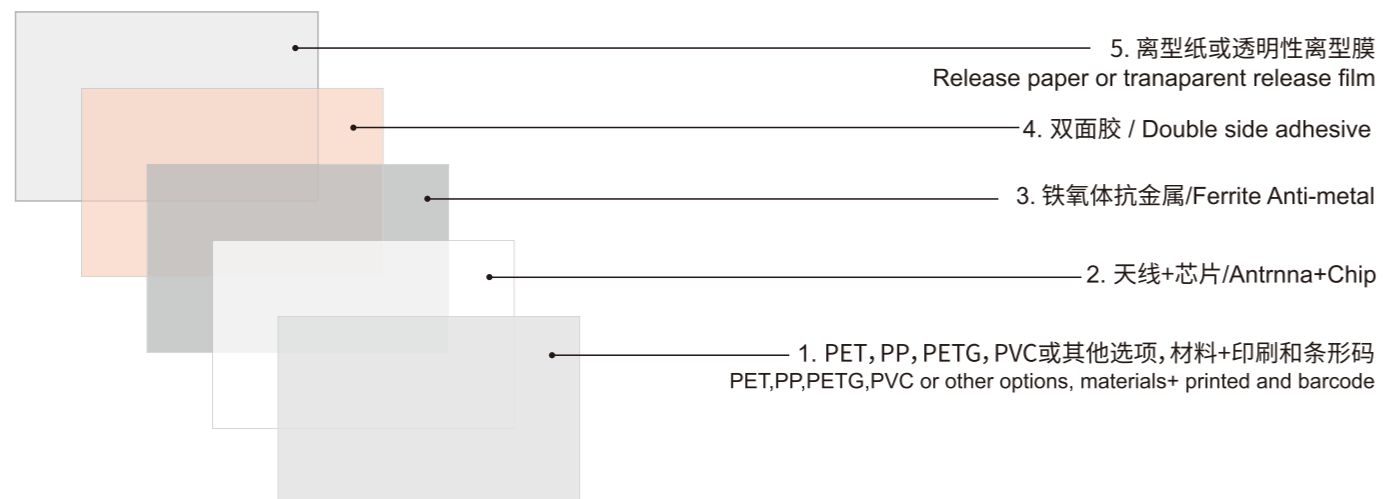
- 可定制尺寸 Customizable size
- 可定制芯片 Optional chips
- 可定制材料 Optional materials
- 可选胶水 Optional glue
- 可定制印刷 Optional printing
- 可定制工艺 Optional crafts

RFID参数 / RFID Parameters

产品型号 Item No.	LDR-4025M
协议 Protocol	ISO/IEC 18000-6C, EPC Class1 Gen2
频率 Frequency	EU Standard 865-868mhz, US Standard 902-928mhz
芯片 Chip	Impinj Monza MR6-P
储存容量 Memory	EPC128(96)bits、TID 48bits、User32(64)bits、User 512bits、Password: 32bits access, 32bits kill
读写Read&Write	支持 Supported
读取距离Read range	最大距离0.45m Max. 0.45meter
数据保存Data retention	10 years年
读写次数Write endurance	100,000 cycles次
防碰撞Anti-collision	支持多个标签读取 Support multiple tags reading

物理参数 / Physical Parameters

尺寸 Size	42x25x0.9mm (can be customized 可定制尺寸)
基材材料 Substrate material	透明离型膜 Transparent release film
天线材料 Antenna material	PET +蚀刻铝 PET +Aluminum etching
表面材料 Surface material	铁氧体抗金属 Ferrite anti-metal
可列印 Printable	支持RFID打印机 Supported for RFID printer
编码 Encode	支持 Supported
安装方式 Installation	背胶安装 Self adhesive
工作温度 Operating temperature	-40°C ~ +85°C
工作湿度 Operating humidity	20% ~ 90%RH, 不凝结 Non-condensing
包装 Package	500pcs/roll卷装
备注 Remark	当它粘贴在弯曲的对象上时, 读取范围将缩短一半。When it pastes on curving objects, the read range will be shorted by half.



应用领域 Application

- 项目级别管理 Item level management
- RFID资产跟踪管理 RFID asset tracking management
- 医院设备管理 Hospital equipment management
- 金属设备供应链管理 Metal devices supply chain management



超高频服装标签 UHF RFID Clothing Tag

服装电子标签是服装的“身份证”，体积小，安装操作简便，使受控目标进行全过程，全方位的管理。可以远距离识别，识别灵敏度高、速度快，拥有全球唯一识别码(TID码)。主要适用于广泛地应用在各种服装，箱包，鞋类行业等。

RFID Clothing tag is the "ID card" of clothing. It is small in size and easy to install and operate, so that the controlled target can be managed in the whole process and in all directions. It can be recognized from a long distance, with high recognition sensitivity and fast speed, and has a globally unique identification code (TID code). It is mainly used in a wide range of apparel, luggage and footwear industries.



LDR-9040H
Paper RFID Hang Tag 纸质RFID吊牌



LDR-6020W
UHF RFID Fabric Tag 超高频织唛标签



LDR-8717W
UHF RFID Fabric Tag 超高频织唛标签



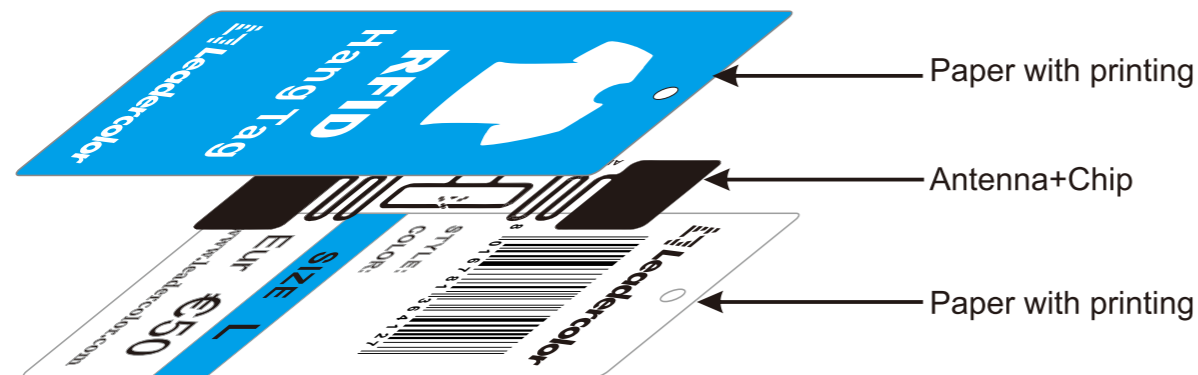
LDR-8035F
UHF RFID Fabric Label 超高频织唛标签



LDR-9005W
UHF RFID Laundry Tag 超高频洗衣标签

电子标签可定制内容 Customized Service:

- 可定制尺寸 Customizable size
- 可定制芯片 Optional chips
- 可定制材料 Optional materials
- 可选胶水 Optional glue
- 可定制印刷 Optional printing
- 可定制工艺 Optional crafts



LDR-9040H

RFID参数 / RFID Parameters

产品型号 Item No.	LDR-9040H
协议 Protocol	ISO/IEC 18000-6C, EPC Class1 Gen2
频率 Frequency	Worldwide 840-960Mhz, US 902-928mhz, EU 865-868Mhz
芯片 Chip	Ucode 8
储存容量 Memory	EPC128bits, TID96bits, User32bits
读写 Read&Write	支持 Supported
读取距离 Read Range	1-10米可调(取决于阅读器和环境) 1-10meters adjustable(reader and environment dependent)
数据保存 Data retention	10年 years
读写次数 Write endurance	100,000次 cycles
防碰撞 Anti-collision	支持多个标签读取 Support multiple tags reading

物理参数 Physical Parameters

尺寸 Size	90×40×0.76mm (can be customized 可定制尺寸)
基材材料 Substrate material	纸质 Paper
天线材料 Antenna material	蚀刻铝 Aluminum etching
安装方式 Installation	背胶安装 Self adhesive
工作温度 Operating temperature	-10°C ~ +65°C
工作湿度 Operating humidity	20% ~ 90%RH
包装 Package	袋子包装 Bags



超高频珠宝标签 UHF RFID Jewelry Tag

珠宝标签主要用于珠宝柜台的陈列, 提高产品质量, 易于管理珠宝。但它也可以用于手表, 眼镜和其他各种行业。识别灵敏度高, 安全性高, 防盗, 提高库存效率。

Jewelry labels are mainly used for display at jewelry counters to improve product quality and make jewelry management easier. But it can also be used in watches, glasses and various other industries. High recognition sensitivity, high security, anti-theft, and improved inventory efficiency.



LDR-G201



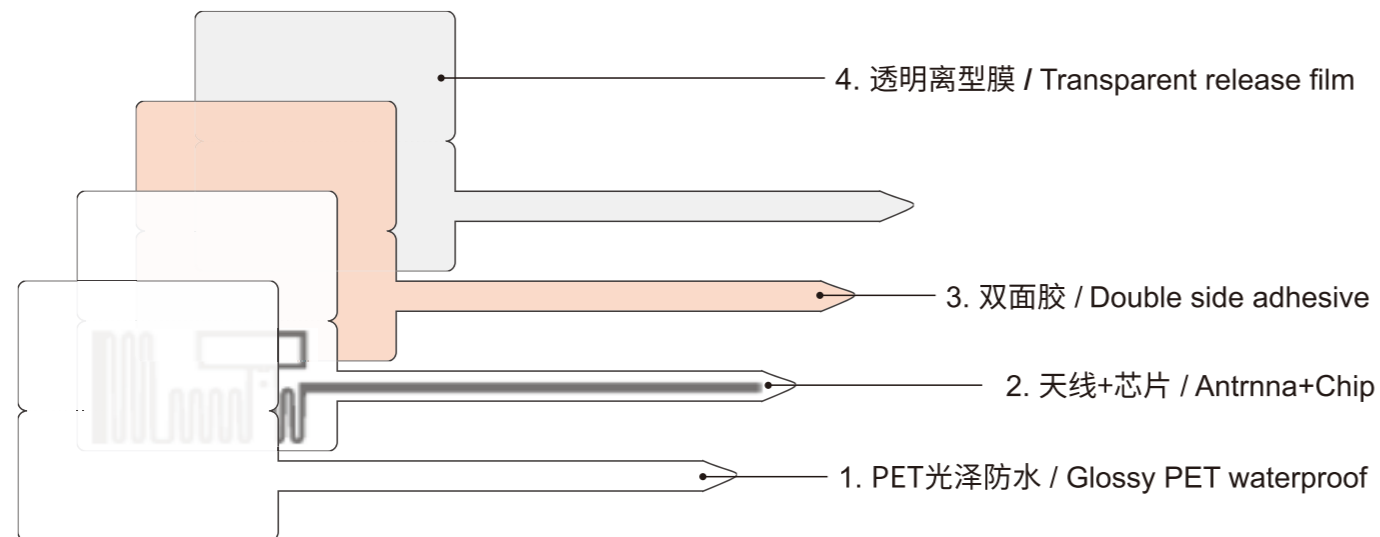
LDR-G202



LDR-G203

电子标签可定制内容 Customized Service:

- 可选材料: 铜版纸; PVC纸 合成PP纸; PET纸;
- 可选胶水: 标准胶水; 3M胶水; 强力胶;
- 可选印刷: 胶版印刷; 条码打印 序列号印刷; UV印刷
- Optional materials: Coated paper; PVC paper; Synthetic PP paper; PET paper;
- Optional glues: Standard glues; 3M glues; Strong glues;
- Optional printing: Offset printing; Barcode printing; Series number printing; UV printing



RFID参数 / RFID Parameters

产品型号 Item No.	LDR-G201
协议 Protocol	ISO/IEC 18000-6C, EPC Class1 Gen2
频率 Frequency	Worldwide 840-960Mhz, US 902-928mhz, EU 865-868Mhz
芯片 Chip	Ucode 8
储存容量 Memory	EPC128bits、TID96bits、User32bits
读写 Read&Write	支持 Supported
读取距离 Read range	1-10米可调(取决于阅读器和环境) 1-10meters adjustable(reader and environment dependent)
数据保存 Data retention	10年years
读写次数 Write endurance	100,000次cycles
防碰撞 Anti-collision	支持多个标签读取 Support multiple tags reading

物理参数 Physical Parameters

尺寸 Size	Folded 折叠尺寸 26×14mm, tail尾部长度46mm (can be customized 可定制尺寸)
基材材料 Substrate material	纸质Paper
天线材料 Antenna material	蚀刻铝 Aluminum etching
安装方式 Installation	背胶安装Self adhesive
工作温度 Operating temperature	-10°C ~ +65°C
工作湿度 Operating humidity	20% ~ 90%RH
包装 Package	袋子包装 Bags



高频NFC标签 NFC Sticker

NFC标签是在非接触式射频识别(RFID)技术的基础上,结合无线互连技术研发而成,它为我们日常生活中越来越普及的各种电子产品提供了一种十分安全快捷的通信方式。近距离无线通讯技术结合了移动通信技术,实现了电子支付、身份认证、票务、数据交换、防伪、广告等多种功能。

NFC tags are developed based on non-contact radio frequency identification (RFID) technology and combined with wireless interconnection technology. It provides a very safe and fast communication method for various electronic products that are more and more popular in our daily life. The short-range wireless communication technology combines mobile communication technology to realize multiple functions such as electronic payment, identity authentication, ticketing, data exchange, anti-counterfeiting, and advertising



LDF-2012L



LDF-3030L



LDF-4545L
NFC Anti-metal Label



LDF-7650L



LDF-D16L



LDF-D25M
NFC Anti-metal Label



LDF-D30L



LDR-D35M
NFC Anti-metal Label

电子标签可定制内容 Customized Service:

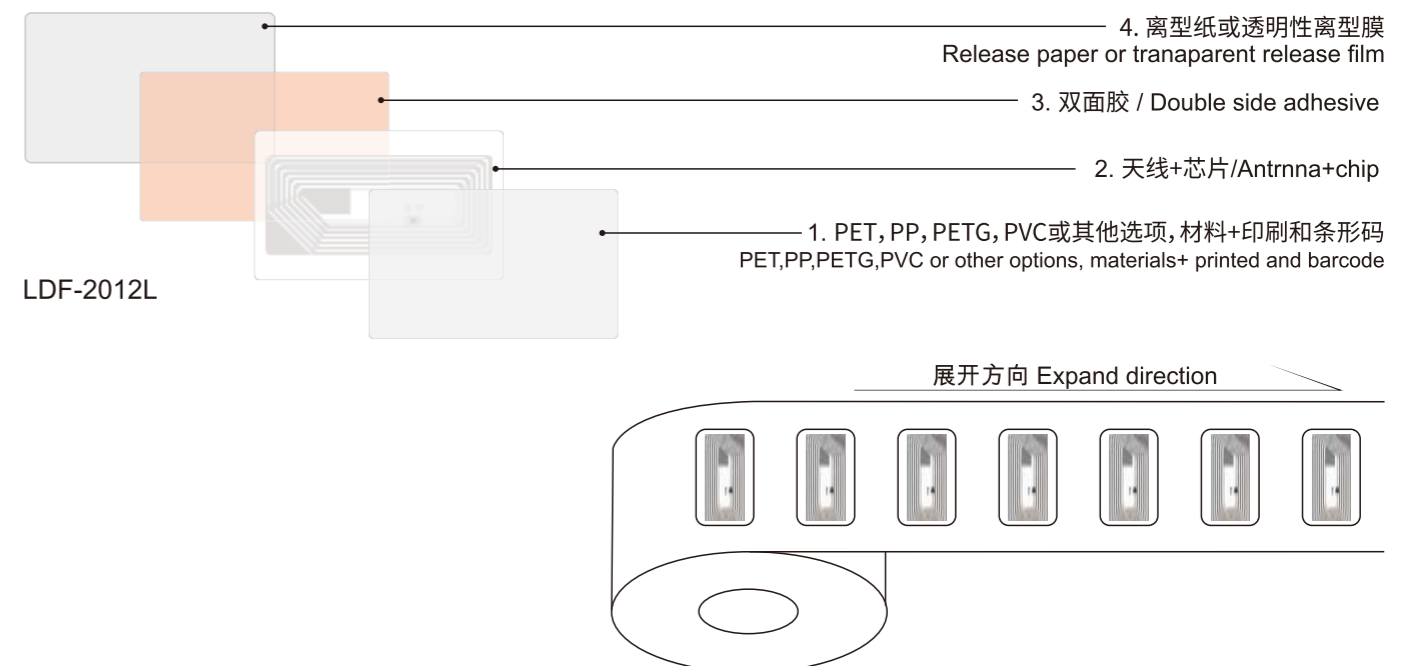
- 可定制尺寸 Customizable size
- 可定制芯片 Optional chips
- 可定制材料 Optional materials
- 可选胶水 Optional glue
- 可定制印刷 Optional printing
- 可定制工艺 Optional crafts

RFID参数 / RFID Parameters

产品型号 Item No.	LDF-2012L
协议 Protocol	ISO / IEC 14443 A & 18000-3
频率 Frequency	Worldwide HF 13.56Mhz
芯片 Chip	NTAG® 213
储存容量 Memory	UID 7Byte、User 144 Byte
读写 Read&Write	支持 Supported
读取距离 Read range	0.1-10cm
数据保存 Data retention	10年 years
读写次数 Write endurance	100,000次 cycles

物理参数 Physical Parameters

尺寸 Size	20x12mm (can be customized 可定制尺寸)
基材材料 Substrate material	透明离型膜 Transparent release film
天线材料 Antenna material	铝蚀刻 Aluminum etching
表面材料 Surface material	铜版纸 Coated paper
编码 Encode	支持 Supported
安装方式 Installation	背胶安装 Self adhesive
工作温度 Operating temperature	-25°C ~ +65°C
工作湿度 Operating humidity	20% ~ 90%RH
包装 Package	6000pcs/roll卷



应用领域 Application

- NFC海报, NFC设备数据连接和数据传输 NFC posters, NFC device data connection and data transmission
- 手机支付, 手机钱包 Mobile payment, mobile wallet
- 产品识别, 人员识别管理 Product identification, personnel identification management
- 电子客票, 会员制度, 市场营销和广告 E-ticketing, loyalty system, marketing and advertisements



图书馆标签 RFID Library Tag



RFID “智能馆藏系统” 包含了馆员服务系统、芯片转换系统、自助借书系统、自助还书系统、馆藏盘查系统、通道侦查系统等一系列自动化管理系统。每一本图书都贴上RFID标签，RFID检查机被安装在图书馆的出口处。当有人离开图书馆时携带没有被检查的贴着 RFID 标签的图书或其他媒体资料时，RFID检查机就会响起警报。如果有人试图避开警报带走书籍的话，图书馆仍然可以追踪图书，从而将其归放在原处。

RFID "intelligent collection system" includes a series of automated management systems such as librarian service system, chip conversion system, self-service borrowing system, self-service return system, collection inventory inspection system, and channel detection system. Each book is affixed with an RFID tag, and an RFID inspection machine is installed at the exit of the library. When someone leaves the library and carries unchecked books or other media materials with RFID tags, the RFID inspection machine will sound an alarm. If someone tries to avoid the alarm and take the book away, the library can still track the book and put it in place.



LDF-8654L



LDF-5050L



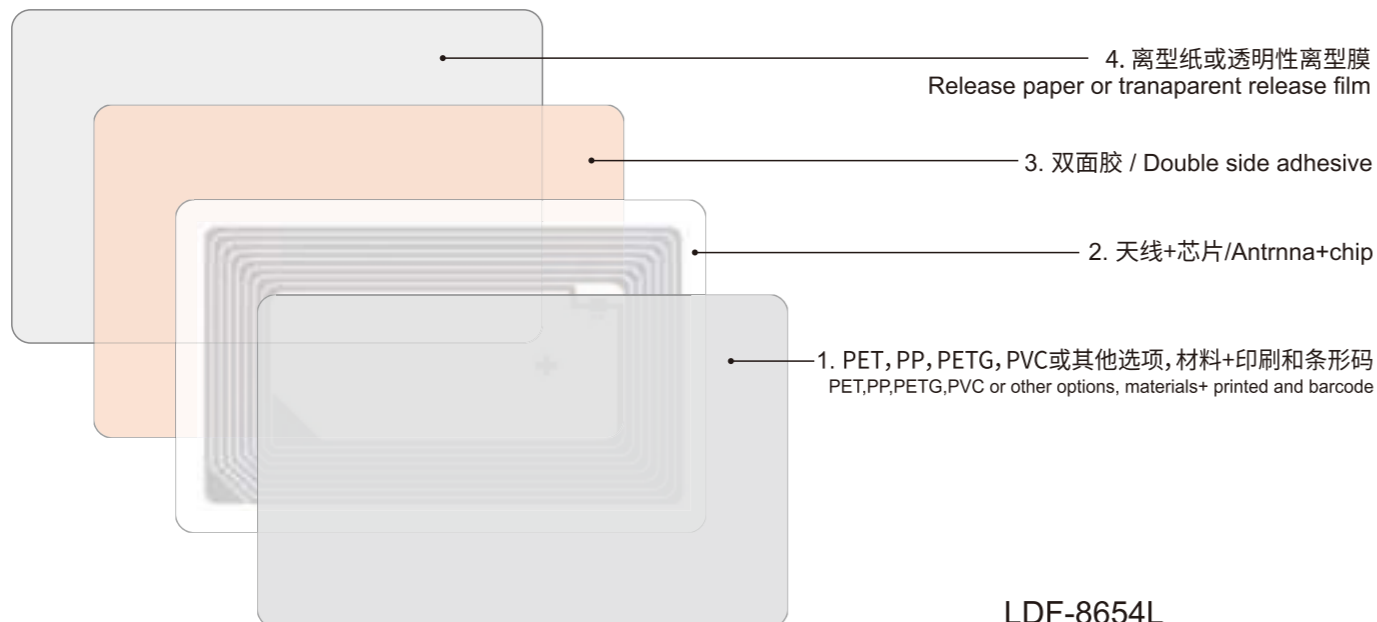
LDR-D39L

RFID参数 / RFID Parameters

产品型号 Item No.	LDF-8654L	
协议 Protocol	ISO/IEC 15693 & 18000-3	
频率 Frequency	Worldwide HF 13.56Mhz	
芯片 Chip	ICODE® SLIX	ICODE SLI(ICODE 2)
储存容量 Memory	UID8Byte、User1024Bit	UID 64bit、User 1024Bit
读写 Read&Write	支持 Supported	
读取距离 Read range	0.1-20cm adjustable 可调整 (reader and environment dependent)	
数据保存 Data retention	10年years	
读写次数 Write endurance	100,000次 cycles	
防碰撞 Anti-collision	支持多个标签读取 Support multiple tags reading	

物理参数 Physical Parameters

尺寸 Size	86×54mm (can be customized 可定制尺寸)
基材材料 Substrate material	透明离型膜 Transparent release film
天线材料 Antenna material	铝蚀刻 Aluminum etching
表面材料 Surface material	铜版纸 Coated paper(Thermal printable)
编码 Encode	支持 Supported
安装方式 Installation	背胶安装 Self adhesive
工作温度 Operating temperature	-25°C ~ +65°C
工作湿度 Operating humidity	20% ~ 90%RH
包装 Package	2000pcs/roll卷, 4rolls卷/carton箱



腕带 RFID Wristband

RFID手腕带是采用RFID技术的一种一次性手腕带, 可采用多层PVC材料或纸质材料制成, 具有耐拉、舒适、耐用的特性, 佩戴舒适, 且外形美观, 具有装饰性; 可分为一次性腕带和可重复使用腕带, 主要功能是物体识别和跟踪。客户可根据需求定制材质和尺寸。

The RFID wristband is a disposable wristband using RFID technology. It can be made of multiple layers of PVC or paper materials. It has the characteristics of resistance to tension, comfort and durability, comfortable to wear, beautiful in appearance, and decorative; Divided into disposable wristbands and reusable wristbands, the main function is object recognition and tracking. Customers can customize the material and size according to their needs.



电子标签可定制内容
Customized Service:

- 可定制尺寸 Customizable size
- 可定制芯片 Optional chips
- 可定制材料 Optional materials
- 可选胶水 Optional glue
- 可定制印刷 Optional printing
- 可定制工艺 Optional crafts

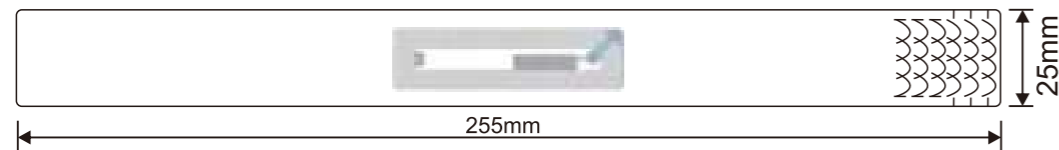
RFID参数 / RFID Parameters

产品型号 Item No.	LDF-25525B	
协议 Protocol	ISO / IEC 14443 A	
频率 Frequency	Worldwide HF 13.56Mhz	
芯片 Chip	Compatible MIFARE Classic® 1K	MIFARE Ultralight® C
储存容量 Memory	UID 4/7Byte、User 1KByte	UID 7Byte、User 153Byte
读写 Read&Write	支持 Supported	
读取距离 Read range	0.1-10cm可调阅读器, 取决于环境 0.1-10cm adjustable reader and environment depended	
数据保存 Data retention	10年years	
读写次数 Write endurance	100,000次 cycles	

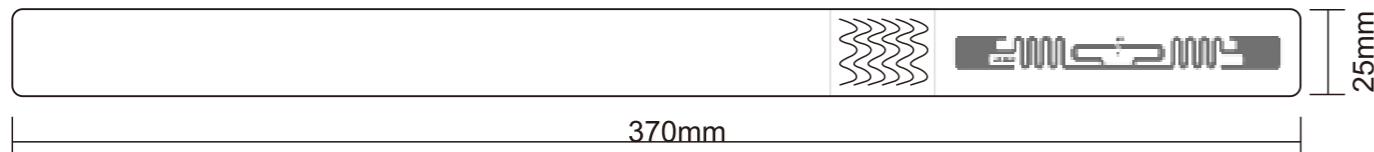
物理参数 Physical Parameters

尺寸 Size	255×25mm (can be customized 可定制尺寸)
基材材料 Substrate material	PET paper
天线材料 Antenna material	铝蚀刻 Aluminum etching
表面材料 Surface material	铜版纸 Coated paper
编码 Encode	支持 Supported
安装方式 Installation	背胶安装 Self adhesive
工作温度 Operating temperature	-25°C ~ +65°C
工作湿度 Operating humidity	20% ~ 90%RH
包装 Package	单个 Single

LDF-25525B



LDR-37025B



应用领域 Application

- 学校和医院; School and hospital;
- 体育比赛时间, 游乐园; Sport race timing, amusement park;
- 洗浴场所, 潮湿场所; Bathing spot management, moist places;
- 游泳池, 洗浴中心, 门禁; Swimming pool, bath center, access control;
- 门票, 防水检查, 校园; Ticket, Waterproof inspection, campus;



硬标签 UHF RFID Hard Tag



硬标签可以直接粘附在较“硬”商品上，硬标签一次性成本较软标签高，可以重复使用。具有很好的防水防潮性，耐磨耐摔，坚固耐用，防震等性能。产品芯片，频率，外形，颜色等可根据需求定制。

Hard tags can be directly attached to "harder" products. Hard tags have a higher one-time cost than soft labels and can be reused. Has good waterproof and moisture resistance, wear and tear resistance, ruggedness, shock resistance and other properties. Product chip, frequency, shape, color, etc. can be customized according to demand.



LDR-8030M
UHF-Anti-metal Sticker 抗金属标签



LDR-TZ01
UHF Cable Tie Tag 扎带标签



LDR-TZ10
UHF Spring Tire Tag 弹簧轮胎标签



LDR-3423N
RFID Nail Tag 钉子标签



RS-TZ03
RFID Clip Tag 夹子标签



LDR-FH50
Flexible UHF RFID FPC tag

钥匙扣 RFID Keyfob



RFID钥匙扣是由ABS外壳封装芯片线圈并填充环氧树脂，通过超声波焊接组合的。产品体积小，携带方便，坚固耐用，不褪色。可串挂于钥匙扣上；表面可喷码、刻码、喷刻流水号、喷刻字母等等。

The RFID key fob is composed of ABS shell encapsulating the chip coil and filled with epoxy resin, and combined by ultrasonic welding. The product is small in size, easy to carry, strong and durable, and does not fade. It can be hung on the key chain; the surface can be spray coded, engraved, sprayed and engraved with water, sprayed with letters, etc.



LDF-TK01



LDF-TK02



LDF-TK04



LDF-TK05



LDF-TK01



LDR-TK03

动物耳标 UHF RFID Animal Tag



动物耳标是针对畜牧业管理开发的射频动物标识。标签采用进口TPU材料，柔软、环保。广泛应用于畜牧业追踪管理系统，可对动物的整个生命周期进行全程跟踪，有效降低疾病与疫情的爆发，使损失降到最低，广泛应用于牲畜饲养，奶牛监管等。

Animal labels are radio frequency animal labels developed for animal husbandry management. The label uses imported TPU material, which is soft and environmentally friendly. Widely used in animal husbandry tracking and management system, it can track the entire life cycle of animals, effectively reduce the outbreak of diseases and epidemics, and minimize losses. It is widely used in livestock breeding and dairy cattle supervision.



LDR-2796A
UHF RFID Strip Ear Tag 超高频耳标



LDR-9627A
UHF RFID Strip Ear Tag 超高频耳标



LDR-7860A
UHF RFID Ear Tag 超高频耳标



LDR-D33A
UHF RFID Button Ear Tag 超高频耳标



LDI-7857A
134.2kHz RFID Ear Tag 低频耳标



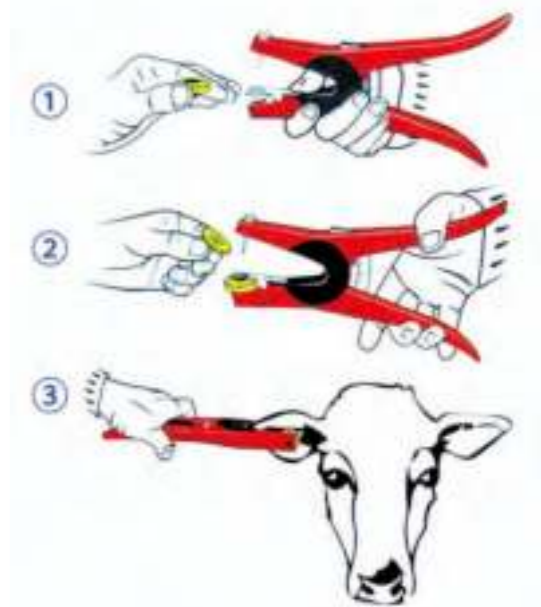
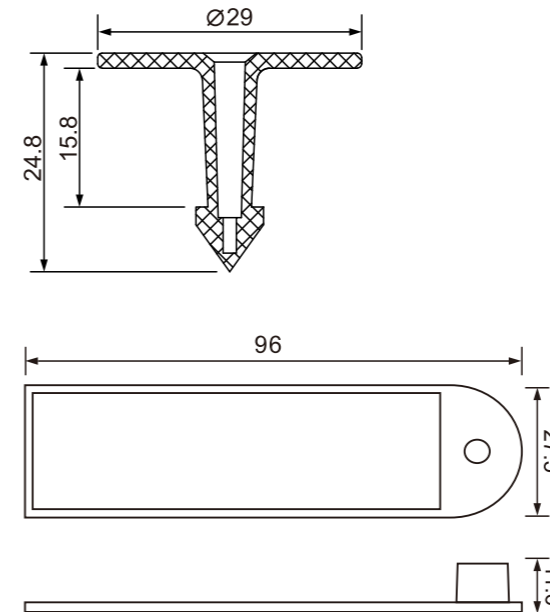
LDI-D30A
134.2kHz RFID Ear Tag 低频耳标

RFID参数 / RFID Parameters

产品型号 Item No.	LDR-2796A
协议 Protocol	ISO/IEC 18000-6C, EPC Class1 Gen2
频率 Frequency	Worldwide 840-960Mhz
芯片 Chip	Ucode 8
储存容量 Memory	EPC128bits、TID96bits、User32bits
读写 Read&Write	支持 Supported
读取距离 Read Range	1-10meters adjustable可调整(reader and environment dependent)
数据保存 Data retention	10年 years
读写次数 Write endurance	100,000次 cycles
防冲突 Anti-collision	支持多个标签读取 Support multiple tags reading

物理参数 Physical Parameters

尺寸 Size	Tag: 96×27.5×13.5mm Stud: Dia 29×24.8mm (can be customized 可定制尺寸)
颜色 Color	Green, yellow, other color customized
天线材料 Antenna material	PET + 铝蚀刻 PET+ Aluminum etching
表面材料 Surface material	TPU AAA, 柔软, 无毒, 抗微生物, 防紫外线, 环保 TPU AAA, soft, non-toxic, Anti-microbial, UV-light proof and environmental friendly
安装方式 Installation	耳标钳 Ear tag plier
工作温度 Operating temperature	-10°C ~ +65°C
工作湿度 Operating humidity	20% ~ 90%RH
包装 Package	耳标/耳钉/套, 100套/袋, 10袋/箱 Ear tag&stud/set, 100sets/bag, 10bags/carton
客制化服务 Customized service	激光打印, EPC预写, 彩色, 激光打印, 芯片和嵌体 Laser printing, EPC pre-written, color, laser printing, chip&inlay



智能卡 RFID Smart CARD

“智能一卡通”是以IC卡技术为核心,以计算机和通信技术为手段,将智能建筑内部的各项设施连接成为一个有机的整体,用户通过一张IC卡便可完成通常的钥匙、资金结算、考勤和某些控制操作,如用IC卡开启房门、购物、娱乐、会议、停车、收费服务等各项活动。

"Smart Card" is based on IC card technology and uses computer and communication technology as a means to connect the various facilities inside the intelligent building into an organic whole. Users can complete the usual key and fund settlement through an IC card. , Attendance and certain control operations, such as opening the door with the IC card, shopping, entertainment, meetings, parking, charging services and other activities.



智能卡 Smart Card



ID卡 White ID Card



滴胶卡 NFC Epoxy Tag



125Khz



13.56Mhz



860-960Mhz

RFID参数 / RFID Parameters

产品型号 Item No.	LDF-8654C
协议 Protocol	ISO/IEC 14443A & 18000-3
频率 Frequency	Worldwide 13.56Mhz
芯片 Chip	Compatible MIFARE Classic®1K
储存容量 Memory	UID 4/7Byte、User 1K Byte
读写 Read&Write	支持 Supported
读取距离 Read range	1-10cm adjustable可调整 (reader and environment dependent)
数据保存 Data retention	10年 years
读写次数 Write endurance	100,000次 cycles

物理参数 Physical Parameter

尺寸 Size	86×54×0.84mm (can be customized 可定制尺寸)
材料 Material	塑料PVC plastic PVC
表面材料 Surface material	哑面或光面 Matt or glossy
工作温度 Operating temperature	-10°C ~ +50°C
工作湿度 Operating humidity	15% ~ 95%RH
包装 Package	200pcs/box, 10boxes/carton

可选芯片Optional Chips:

MIFARE Series:
MIFARE Classic® 1K,
MIFARE Classic® 4K,
MIFARE Plus® 2K,
MIFARE Plus® 4K,
MIFARE® DESFire® 2K,
MIFARE® DESFire® 4K,
MIFARE® DESFire® 8K,
MIFARE Ultralight®,
MIFARE Ultralight® C.

NTAG系列 NTAG Series:

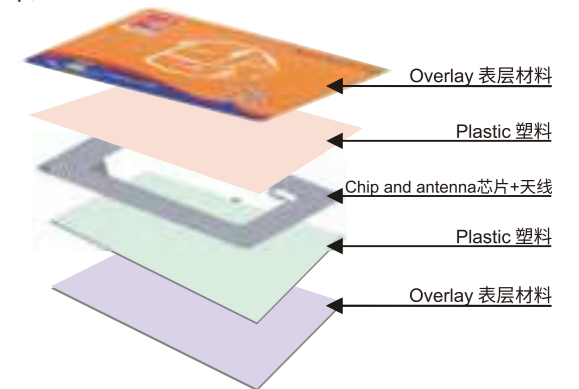
NTAG®203,
NTAG®213,
NTAG®215,
NTAG® 216.

可选工艺品Optional Crafts:

全息图,全息图章 Hologram, holographic stamp,
编码 Encoding,
磁条 Magnetic stripe,
编号 Numbering,
条形码,照片 Barcode, photo
签名面板 Signature panel,
压花 Embossing
预先打孔/打孔 Pre-punch/ Punch hole

可选打印Optional Printing:

胶印 Offset printing;
丝网印刷 Silkscreen printing;
条码打印 Barcode printing;
UV印刷 UV printing;
喷墨编号打印 ink Jet numbering printing;
银/金丝印背景 Silver/gold silkscreen printing background;



Access Card



Canteen Card



Hospital Card



Traffic card

读写器 RFID READER

RFID读写器又称为“RFID阅读器”，即无线射频识别，通过射频识别信号自动识别目标对象并获取相关数据，无须人工干预，可识别高速运动物体并可同时识别多个RFID标签，操作快捷方便。RFID读写器有固定式的和手持式的，手持RFID读写器包含有低频，高频，超高频，有源等。

The RFID reader automatically recognizes the target object and obtains relevant data through the radio frequency identification signal, without human intervention, it can identify high-speed moving objects and can simultaneously identify multiple RFID tags, and the operation is fast and convenient. There are fixed and handheld RFID readers. Handheld RFID readers include low frequency, high frequency, ultra high frequency, and active.



LDR-RI01W
UHF RFID Integrated Reader 带wifi超高频读写器



LDR-RI02
UHF Long Range RFID Reader 超高频远程读写器



LDR-RD01
UHF RFID Reader 超高频读写器



LDR-RD02
UHF RFID USB Reader Writer 超高频读写器



LDR-U72
UHF RFID Reader 超高频手持器



LDF-UA01
UHF RFID Antenna 超高频天线



LDF-R1036S
HF RFID Reader 高频读写器



LDR-TD6760
HF Channel Equipment 高频全向通道设备



LDI-A04
134.2k RFID Reader 低频读写器

RFID参数 / RFID Parameters

产品型号 Item No.	LDR-RI01W
协议 Protocol	ISO/IEC 18000-6C and 6B, EPC Class1 Gen2
频率 Frequency	Worldwide 840-960Mhz, US 902-928mhz, EU 865-868Mhz
天线 Antenna	内置8dbi圆极化天线 Built-in 8dbi Circular polarization antenna
发射功率 Transmit power	0 ~ 30dBm adjustable 可调
工作模式 Working mode	支持读写 Read&Write supported
读写速度 Reading speed	Max. 100tags/s
读取距离 Read range	1-6m adjustable, tag and environment dependent
软件套件 Software kits	Provide free Demo for testing and SDK for development
软件相容性 Software compatibility	Win XP, Win7, Win8 or Win10

物理参数 Physical Parameters

尺寸 Size	235x235x57mm(US) 260x260x45mm(EU)
材料 Material	ABS防水 ABS Waterproof
安装 Mounting	支架 Bracket
数据接口 Data interface	WIFI, RS232/UART
电源供应 Power supply	Single +9V~12V DC
工作温度 Operating temperature	-10°C ~ +60°C
工作湿度 Operating humidity	20% ~ 90%RH
配件 Accessories	1xBracket支架, 1xPower cable电源线
包装 Package	200pcs/box, 10boxes/carton, G.W 14kg, carton size 32x48x14cm
可定制服务 Customized service	Ethernet/wifi port; Cable meters; Relay; External antenna; Module; Led indicator; Circular antenna; 以太网/WiFi端口; 电缆表; 中继; 外置天线; 模块; LED指示灯; 圆形天线;

应用领域 Application

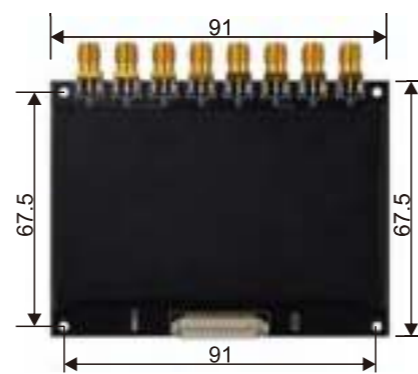
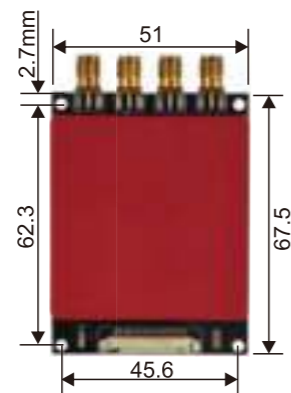
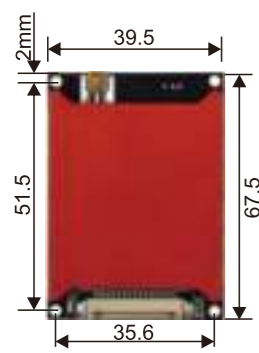
- 智能交通管理, 如清关, 停车场等; Intelligent traffic management, such as custom clearance, parking lot;
- 集装箱管理, 托盘管理等物流; Logistics such as container management, pallet management;
- 票务, 上学, 资产追踪; Ticketing, school attendance, asset tracking;
- 门禁控制, 自动称重; Access control, automatic weighting;
- 动物追踪; Animal tracking;



超高频模块 UHF MODULE

RealChip R-20C系列产品是我司基于美国最先进的INDY R2000射频芯片研发的一款射频模块。因此本产品继承了INDY R2000芯片多标签高性能识别能力。可搭配单通道，四通道或八通道感应输入，方便应对多种物联网应用场景。

RealChip R-20C series products are a radio frequency module developed by our company based on the most advanced INDY R2000 radio frequency chip in the United States. Therefore, this product inherits the multi-label high-performance identification capability of INDY R2000 chip. It can be equipped with single-channel, four-channel or eight-channel inductive input, which is convenient to deal with a variety of Internet of Things application scenarios.



功耗参数 / Power consumption parameters

产品型号 Item No.	MCR-600	MCR-800	MCR-900
射频通道 RF Channel	单通道 Single channel	四通道 Four channel	八通道 Eight channel
射频连接线 Connector	MMCX	SMA	SMA
天线连接模式 Antenna connection mode	单天线 Single antenna	四天线 Four antenna	八天线 Eight antenna
接口连接器 Interface connector	Molex 53261-1571		
射频连接器材质 RF connection material	黄铜 镀金 Gold-plated brass		
PCB材质 PCB material	Rogers Fr4 镀金 Rogers FR4 gold-plated		
屏蔽罩材质 Shield material	铸铝 Aluminum		

电子参数 Physical Parameter

工作电压 Operating voltage	3.7V-5V
待机状态电流 Standby mode current	<50mA (EN脚高电平 EN high level)
睡眠状态电流 Sleep mode current	<100mA (EN脚低电平 EN low level)
区域电流 Operating temperature	-10°C ~ +50°C
输出功率 Output power	0 – 33dBm
接收灵敏度 Receive sensitivity	< -85 dBm
盘存标签峰值速度 Peak inventory speed	> 700张/秒
标签缓存区 Label buffer	1000张标签 @ 96 bit EPC
标签Rssi Tag RSSI	支持 Supported
天线连接保护 Antenna detector	支持 Supported
环境温度监测 Ambient temp monitor	支持 Supported
工作模式 Working mode	单机/密集型 Single/DRM
通讯接口 Host communication	TTL Uart port / TTL Uart 接口
GPIO	2 inputs optical coupling 2 outputs optical coupling
最高通讯波特率 Max baud rate	115200 bps
散热方式 Heat dissipation	外置散热片空气冷却 External cooling fin

